



Raychem

TE Part # 277801-000

TE Internal #: 55A1831-12-MST3-9CS2275

Mil-Spec: [M27500-12SD3T23]

[View on TE.com >](#)

Wire & Cable > Twisted Pair Cable



Cable Type: MIL-DTL-27500

Voltage Rating: 600 VAC

Insulation Material: Modified Radiation Cross-linked ETFE Polymer

Conductor Material: Tin-Coated Copper

Wire Size: 12 AWG

Features

Product Type Features

Cable Type	MIL-DTL-27500
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Electrical Characteristics

Voltage Rating	600 VAC
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Body Features

Insulation Material	Modified Radiation Cross-linked ETFE Polymer
Conductor Material	Tin-Coated Copper

Dimensions

Wire Size	12 AWG
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Usage Conditions

Operating Temperature Range	-65 – 150 °C
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197)



Candidate List Declared Against: JAN 2019
 (197)

Halogen Content	Out of Scope - excluded from Halogen requirements
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

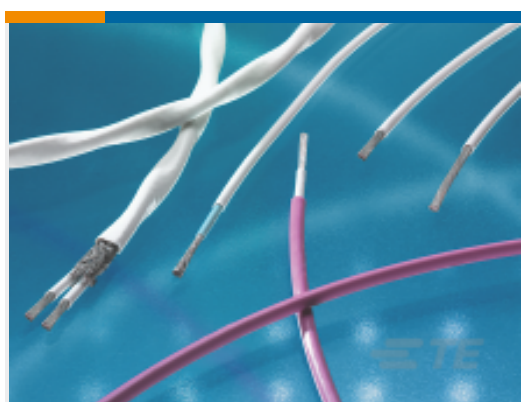


TE Part # 650076-000
 D-436-38

Customers Also Bought



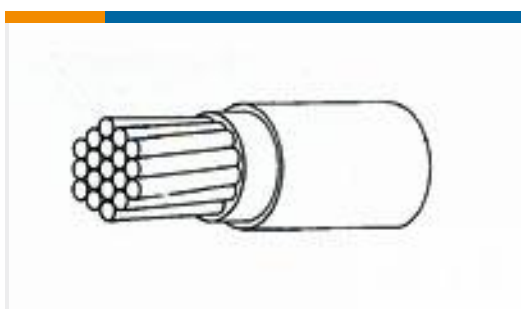
TE Part #073863-000
 55A1831-16-MST3-9CS2275



TE Part #CJ1465-000
 55AC8113-22-9/96-9-9CS2275



TE Part #1616069-1
 K400A5C=CONTACTOR
 SPST



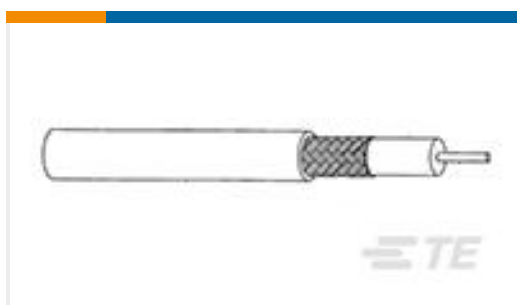
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 22759/34-20-3



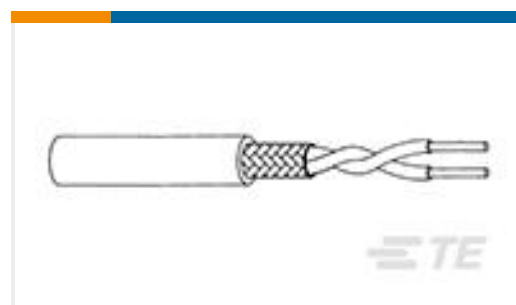
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9CS2275



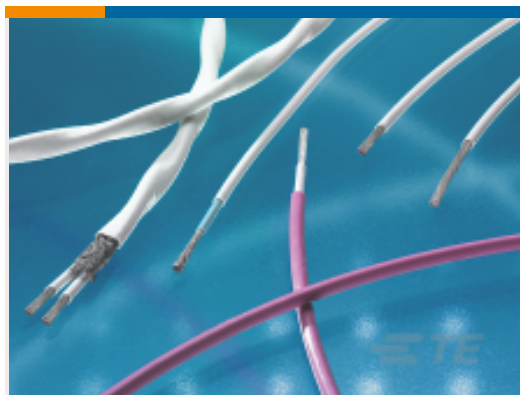
TE Part #52043
TERMINAL,R PG 4 10



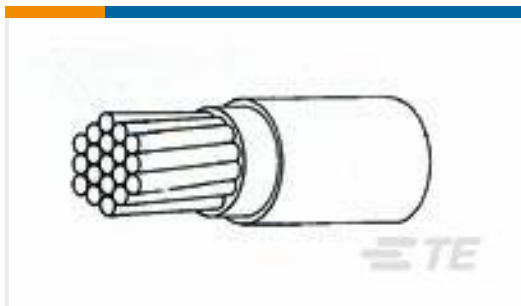
TE Part #952752-000
9530H1014-9



TE Part #158269-000
2524E0524-9



TE Part #235391-000
55A4831-20-MST3-9CS2275



TE Part #265316-000
81044/9-16-5

Documents

Product Drawings

[55A1831-12-MST3-9CS2275](#)

English

Datasheets & Catalog Pages

[1654025_Sec9_SPEC55](#)

English

Product Specifications

[Product Specification](#)

English

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